

4 NW SWANWICK

15

1732CST

National Weather Service Storm Data and Unusual Weather Phenomena



April 1998 Time Path Length Number of Estimated Local/ Width Persons Damage Character of Storm Date (Miles Standard (Yards Injured **ILLINOIS, South** GALLATIN - POPE - HARDIN - ALEXANDER - PULASKI - MASSAC ILZ087-090>094 FLOOD The Ohio River crested 8 to 10 feet above flood stage at some locations, causing moderate agricultural bottomland flooding. Some roads near the river were flooded, and parts of Fort Massac State Park were underwater. The river crested at 51.3 feet at Cairo, where flood stage is 40 feet. At Shawneetown, where flood stage is 33 feet, the river crested at 41.9 feet. Minor flooding occurred in the Hall Town area near Golconda, where the river crested at 42.7 feet. Flood stage there is 40 feet. ILZ081-084 FRANKLIN - JACKSON 0001CST 2359CST The Big Muddy River remained above flood stage all month at Murphysboro. It crested there at 27.8 feet on the 20th. Flood stage is 16 feet. At Plumfield, the river crested at 25.5 feet on the 18th. Flood stage at Plumfield is 20 feet. Some houses near the river in the Murphysboro area were affected by minor flooding. Most of the flooding damaged agricultural bottomlands and roads near the JACKSON - UNION - ALEXANDER ILZ084-088-092 0400CST 2359CST 04 30 The Mississippi River crested at 38.3 feet at Thebes on the 20th. Flood stage there is 33 feet. Moderate flooding of lowland agricultural areas occurred, and some roads were inundated. This forced some school busses to be rerouted around flooded areas. MASSAC County **BROOKPORT** 08 1745CST 3K THUNDERSTORM WIND (G52) Trees were snapped. **MASSAC County** 3 E METROPOLIS to 4 NE METROPOLIS FUNNEL CLOUD 1755CST A supercell thunderstorm that passed through McCracken County, Kentucky crossed the Ohio River near Fort Massac State Park. The funnel cloud was well documented by storm chasers, who observed it halfway to the ground before it dissipated. **HARDIN County** ROSICLARE 08 1808CST Hail (1.00) **PERRY County** CUTLER to DENMARK 13 1912CST 0 0 Hail (0.75) FRANKLIN County CHRISTOPHER to BUCKNER 13 1934CST 0 0 Hail (0.75) **ALEXANDER County** 1 N URBANDALE to 1 NNE URBANDALE 13 1956CST 0 0 Hail (0.88) PULASKI County 2 SW MOUND CITY 13 1956CST Hail (0.88) Nickel size hail occurred near the Alexander County line. JOHNSON County 2 SW CYPRESS to 1 S CYPRESS 0 60K 40 1 Tornado (F1) A short-lived tornado began along the Union County line, just southwest of Cypress, and tracked east along a rural road before dissipating at State Route 37. A small barn, about 150 square feet in area, was blown across the road. Some pieces of wood were stuck in the ground at an angle up to 200 feet away. One house sustained siding damage. Another house had a portion of its roof lifted up and placed back down again. A bedroom in the house was damaged. In addition, very minor damage occurred to a greenhouse, an abandoned house, and a couple of mobile homes. Trees, power lines, and power poles were down along the path of the tornado. Large trees, two feet in diameter, were blown down in between two mobile homes. Along Route 37, six power poles were snapped off about two feet above the ground. A female motorist was injured when her moving vehicle was struck by a falling tree. She was treated and released from a local hospital for minor injuries. Just north of Cypress, several large trees were down, but this damage was likely due to straight-line thunderstorm winds. MASSAC County 1 N METROPOLIS 13 2022CST Hail (1.00) **PERRY County**

0

0

Tornado (F0)

50



COUNTYWIDE

National Weather Service Storm Data and Unusual Weather Phenomena



April 1998 Time Local/ Path Length Path Number of Estimated Width Persons Damage Date Character of Storm Standar (Yards Injured **ILLINOIS**, South A funnel cloud briefly touched down in farm fields. The weak, short-lived tornado was videotaped by a storm chaser. **PERRY County** 3 NW SWANWICK 15 1751CST Hail (1.75) **JEFFERSON County** 1843CST 1849CST 5 250 400K 15 1 Tornado (F2) Six houses sustained major damage in Cravat. One house was moved about 10 feet off of its foundation with the back portion of the house destroyed. One truck and some farm machinery were tossed 50 feet. Several small barns and outbuildings were destroyed. A truck driver sustained broken ribs when his tractor trailer was lifted up by the tornado. The trailer was lifted up into a vertical position before being set back down and rolling over. Several mobile homes were overturned. **JACKSON County** MURPHYSBORO 15 2020CST 15K THUNDERSTORM WIND (G60) Thunderstorm winds overturned a camping trailer onto a truck. A storage shed and TV tower were damaged at the same residence. **JACKSON County** 2 W DE SOTO to 1.7 W DE SOTO 15 2036CST 0.3 30 Tornado (F0) A weak short-lived tornado was observed by storm spotters. The tornado apparently did little or no damage. FRANKLIN County ROYALTON 2040CST 80K THUNDERSTORM WIND (G65) Approximately 40 homes suffered primarily minor damage in Royalton, with one business losing its roof. One home was severely damaged when a large tree fell on it. The nearly universal south southeast pattern of damage favored damage associated with a downburst. The area of damage was roughly one half mile by one half mile, although trees were down at scattered locations across southwest Franklin County. A car was flattened by a falling tree, and power lines were brought down by tree limbs. **JACKSON County** COUNTYWIDE 30K FLASH FLOOD 15 2100CST Thunderstorms moved over the county for over two hours, causing excessive rainfall amounts from 3.5 to 5 inches from Murphysboro north. **JACKSON County** 15 2115CST 0 THUNDERSTORM WIND (G52) Trees were blown down. WILLIAMSON County COUNTYWIDE 2130CST 40K FLASH FLOOD Strong to severe thunderstorms repeatedly moved across the county. One inch of rain was measured at Hurst within 45 minutes. A school in Marion sustained minor damage when water seeped into the hallways. Marion fire crews closed several city streets after cars became stranded. FRANKLIN County COUNTYWIDE 15 16 2130CST 0300CST 0 10K FLASH FLOOD Strong to severe thunderstorms repeatedly moved over the county. Many streets were flooded in Buckner and in West Frankfort. Some motorists were stranded in floodwaters in West Frankfort. Volunteers put sandbags around a nursing home in West Frankfort to reduce the flooding threat. **JACKSON County** 1.5 NW (MDH)CRBNDI 15 1 N 2134CST 0.4 30 Tornado (F0) Illinois State Police reported a brief tornado touchdown near the Southern Illinois Airport between Murphysboro and Carbondale. (MDH)CRBNDL/MRFY There was no apparent damage. **WABASH County** MT CARMEL 10K URBAN/SML STREAM FLD Thunderstorms produced heavy rainfall amounts that caused many streets in Mt. Carmel to flood. A few streets remained under water for more than 12 hours. Several cars were stranded. Outside the city, some county roads were under water. Rainfall in Mt. Carmel was 3.65 inches for the evening of the 15th. WHITE County

20K

FLASH FLOOD





April 1998 Time Local/ Path Length Path Number of Estimated Persons Width Damage Date Character of Storm Standar (Yards Iniured **ILLINOIS, South** Thunderstorms persisted over much of the county for several hours, producing 4.12 inches of rain at Carmi. For several hours, U.S. Route 45 was impassable north of Enfield due to flooding. Two tractor trailers ended up in a ditch, but no injuries were reported. **HAMILTON County** MC LEANSBORO 2220CST 0100CST Thunderstorms with very heavy rain flooded numerous roads, including Routes 142, 242, and a viaduct along Route 14 in McLeansboro. Illinois Route 142 was closed near Broughton for several hours. Several residents had to be rescued from their homes by emergency personnel because of flooding. **EDWARDS County** COUNTYWIDE 10K FLASH FLOOD 0100CST Thunderstorms with very heavy rain flooded numerous roads, including Route 130. **WABASH County** COUNTYWIDE 15 16 2230CST 0100CST 10K FLASH FLOOD Thunderstorms with very heavy rain flooded numerous roads. **JACKSON County** NORTH PORTION 2250CST 0100CST 20K FLASH FLOOD Thunderstorms produced a total of 3 to 5 inches of rain during the evening. Major road flooding occurred. As a result of high water flowing across roadways, U.S. 51 was closed from Elkville to Dowell, Illinois 127 was closed near Vergennes, and Route 4 was closed near Ava. Portions of county roads in those areas were nearly impassable due to standing water. Dozens of motorists were stranded, but no injuries were reported. INDIANA, Southwest **PIKE County** 4 S PETERSBURG to 4 SSE PETERSBURG 2051CST 2053CST 0.5 40 0 Tornado (F0) A weak, short-lived tornado was confirmed by law enforcement personnel near the intersection of State Routes 56 and 61. The tornado apparently occurred in open fields and caused no reported damage. **PIKE County** 07 **OTWELL** 2306CST Hail (0.75) **SPENCER County** ST MEINRAD 08 1725CST 0 Hail (1.75) **POSEY County** MT VERNON 08 1830CST FUNNEL CLOUD Local law enforcement reported a funnel cloud in the vicinity of Mt. Vernon. VANDERBURGH County 3 S ST JOSEPH 08 1840CST FUNNEL CLOUD The funnel cloud was observed just west of Route 65, heading northeast. **PIKE County** 4 NW OTWELL to 4 N OTWELL 2315CST 2320CST 50 500K Tornado (F2) The tornado destroyed two large barns and five or six smaller outbuildings. Significant damage occurred to two farm houses. Several trees and power poles were snapped off. Some two-by-fours and a large saw blade were embedded in homes. POSEY County NORTH PORTION 2340CST 0130CST FLASH FLOOD 10K Thunderstorms with very heavy rain resulted in some water over roads in northern Posey County. VANDERBURGH County NORTH PORTION 2340CST 0100CST FLASH FLOOD 5K

spots of Interstate 64.

Thunderstorms with very heavy rain caused some road flooding. Vanderburgh County officials reported water problems in low





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Dime size hail was reported at Lake Malone.

1130CST

MUHLENBERG County ROSEWOOD

08

Thunderstorm winds blew shingles off a roof and broke a TV antenna.

0

Hail (0.75)



Number of

Estimated



April 1998

Path Length (Miles) Time Local/ Width Persons Damage Date (Yards Injured Property Character of Storm Standard **KENTUCKY**, Southwest **CARLISLE County** BARDWELL to CUNNINGHAM 1700CST 0 Hail (0.75) 08 A severe thunderstorm produced dime size hail at several locations. MCCRACKEN County 4 S LONE OAK to (PAH)BARKLEY ARPT 1714CST 1728CST 08 0 Hail (1.75) A supercell thunderstorm tracked from south to north across western portions of the county. A narrow swath of large hail extended PA from south of Lone Oak along U.S. Highway 45 to Barkley Regional Airport. Golf ball size hail fell along U.S. Highway 45 near the Graves County line, and half-dollar size hail fell at the Paducah National Weather Service office at Barkley Field. **FULTON County** 2 SW HICKMAN 08 1743CST 0 0 Hail (1.75) LYON County **EDDYVILLE** 08 1810CST 0 0 Hail (0.75) Dime size hailstones whitened the ground. **CRITTENDEN County CRAYNE** 08 1818CST 0 0 Hail (1.00) MARSHALL County **GILBERTSVILLE** 08 1822CST Hail (0.75) **UNION County 3 E UNIONTOWN** 08 1830CST 0 0 THUNDERSTORM WIND (G50) Trees and power lines were down. **CALDWELL County** 2 NW COBB 08 1900CST Hail (0.75) 0 0 **HENDERSON County** HENDERSON 08 1909CST 0 0 Hail (1.00) **MUHLENBERG County BREMEN** 08 Hail (1.00) 1950CST 0 0 **CARLISLE County** CUNNINGHAM 08 2208CST 0 0 Hail (0.75) **BALLARD County** MONKEYS EYEBROW 13 BANDANA 2005CST 0 0 THUNDERSTORM WIND (G50) Trees were down in northern Ballard County. MCCRACKEN County 3 NW PADUCAH 13 2030CST 0 THUNDERSTORM WIND (G52) Gusts to 60 MPH were estimated by spotters on the Kentucky side of the Interstate 24 bridge over the Ohio River. MCCRACKEN County 3 W PADUCAH 13 2122CST 0 THUNDERSTORM WIND (G50) A couple of trees were down. **HICKMAN County** THUNDERSTORM WIND (G52) 4 S FULHAM 2130CST 0 $\mathbf{0}$ Trees were down. **CARLISLE County** 2 N BARDWELL 2146CST 0 Hail (0.75) Occurred on U.S. Highway 51. **GRAVES County** POTTSVILLE to CLEAR SPGS Hail (1.75) 0





April 1998 Time Path Length Path Number of Estimated Local/ Width Persons Damage (Miles Character of Storm Standar (Yards Injured **KENTUCKY**, Southwest A severe thunderstorm tracked from northwest to southeast across northern Graves County. A swath of large hail accompanied the storm into southern Marshall County. Golf ball size hail fell at the Kentucky State Police post near Hickory, just north of Mayfield. The storm produced a short-lived tornado in the Viola area. **GRAVES County** POTTSVILLE to VIOLA 2213CST 2223CST 100 200K 13 Tornado (F1) A tornado caused considerable damage to residences, automobiles, and trees in an area roughly following Kentucky 408, north of Mayfield. Two vehicles were overturned. A mobile home was demolished. Several homes sustained damage to siding and roofing. An outbuilding was blown across a roadway. Large trees were blown down across Kentucky Route 945, blocking it for several MARSHALL County **HARDIN** 13 2230CST Hail (1.00) **CALLOWAY County** DEXTER to HICO 13 2240CST THUNDERSTORM WIND (G52) Numerous trees were down in northern Calloway County. **CHRISTIAN County** 1 S HOPKINSVILLE URBAN/SML STREAM FLD 0100CST Persistent thunderstorms produced heavy rainfall of up to an inch per hour, as reported by a spotter. **DAVIESS County** OWENSBORO 15 0808CST Hail (0.75) CALLOWAY County 0314CST THUNDERSTORM WIND (G52) 1 N HAZEL 16 0 Trees were down on U.S. Highway 641. **GRAVES County** 1236CST Hail (0.75) WINGO **CHRISTIAN County** PEEDEE to 10K THUNDERSTORM WIND (G52) 1348CST Wind gusts between 55 and 60 MPH accompanied a thunderstorm across much of the county. HOPKINSVILLE **CHRISTIAN County** 2 NW HOPKINSVILLE 16 1345CST 2 500K THUNDERSTORM WIND (G85) Thunderstorm winds possibly as high as 100 MPH levelled three barns and demolished a mobile home. A metal farm building was blown from its foundation. Several homes were damaged. This phenomenon, known as a downburst, was between one half and three quarters of a mile wide. Two occupants of the mobile home were injured when they were tossed around. The injuries were cuts to the head and hands. **TODD County** CLAYMOUR 1410CST KYZ004>005-007-010-BALLARD - MCCRACKEN - LIVINGSTON - CRITTENDEN - UNION - HENDERSON - DAVIESS 014-018>019 0400CST 2359CST 0 FLOOD 0 The Ohio River crested 2 to 4 feet above flood stage at most locations along the western Kentucky side. The crest at Paducah was 43.2 feet on the 21st, and flood stage is 39 feet. At Uniontown, where flood stage is 37 feet, the river crested at 41.5 feet. Flooding of agricultural bottomlands was moderate. Some roads near the river were affected. KYZ020 **MCLEAN** 0800CST The Green River crested less than a foot above flood stage at Calhoun on the 22nd. Mainly agricultural bottomland was affected. **FULTON County** COUNTYWIDE 1715CST 1915CST 27

main problem was flooded roadways and swollen creeks.

Thunderstorms with very heavy rainfall produced widespread flooding. Radar estimated 2 to 3 inches fell in a few hours time. The





		Time Local/	Path Length	Path Width	Numbe Perso		Estimated Damage		April 1998
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm	
KENTUCKY, Southwes	<u>st</u>								
MUHLENBERG County DEPOY	30	1715CST			0	0		Hail (1.00)	
DAVIESS County 5 W OWENSBORO	30	1738CST			0	0		Hail (0.75)	
MISSOURI, Southeast									
MOZ087-112-114	03 30	GIRARDEAU - M 0400CST 2359CST ississippi River cre			0	0 on the 20th	Flood stage there is	FLOOD 32 feet. This resulted	in considerable
	The Mississippi River crested at 39.1 feet at Cape Girardeau on the 20th. Flood stage there is 32 feet. This resulted in consider flooding of agricultural bottomlands. Some homes and businesses in flood-prone areas of Cape Girardeau near the river were affected.								
WAYNE County 3 NE PIEDMONT	13	1644CST			0	0		Hail (1.75)	
	Report	ed on Highway 34	٠.						
WAYNE County PIEDMONT	13	1702CST			0	0		Hail (0.75)	
	Occurr	ed on Highway 49).						
RIPLEY County POYNOR	13	1748CST			0	0		Hail (0.75)	
.5 N LODI	13	1750CST			0	0		Hail (0.75)	
CAPE GIRARDEAU County WHITEWATER to	13	1824CST			0	0	25K	THUNDERSTOR	M WIND (G60)
1 SE GORDONVILLE							leau County. Just sout lding, and trees were b		a barn and a
CAPE GIRARDEAU County		1020 000							
2 W CAPE GIRARDEA	13	1830CST			0	0		Hail (1.25)	
2.5 SW SCOTT CITY	13	1900CST			0	0		Hail (0.75)	
SCOTT County MORLEY	13	1948CST			0	0		Hail (0.75)	
SCOTT County CROWDER to 4 E CROWDER	13	2050CST 2055CST	observed		0	0		FUNNEL CLOUI)
SCOTT County 3.5 E CROWDER	13	2055CST	observed.		0	0		Hail (0.75)	
SCOTT County 6 N SIKESTON	13	2059CST			0	0		THUNDERSTOR	M WIND (G56)
		rs estimated wind	gusts near 65	5 MPH.					, ,
MISSISSIPPI County 2 W CHARLESTON to 2 E CHARLESTON	•	2130CST			0	0		Hail (1.00)	
2 E CHARLESTON	Quarter size hail fell on U.S. Highway 62.								
NEW MADRID County PORTAGEVILLE	13	2145CST	-		0	0		Hail (0.75)	



QULIN

27

1545CST

National Weather Service Storm Data and Unusual Weather Phenomena

Hail (0.75)



Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numb Pers Killed	oer of sons Injured	Estimated Damage Property Crops	April 1998 Character of Storm	
MISSOURI, Southeast									
PERRY County	15	1015 CCT			0	0		THE DEPOSIT OF A WIND (C. 77)	
PERRYVILLE	15	1915CST			0	0		THUNDERSTORM WIND (G57)	
	Wind gusts were estimated near 65 MPH. Hail to one inch in diameter was also observed.								
PERRY County PERRYVILLE	15	1920CST			0	0		Hail (1.00)	
PERRY County									
PERRYVILLE	15	1940CST			0	0	25K	FLASH FLOOD	
	2200CST Thunderstorms repeatedly moved over the county, causing torrential downpours tha reported.							l roads. Some road closures were	
PERRY County									
.5 E CROSSTOWN to .7 E CROSSTOWN	15	1950CST	0.2	20	0	0	0	Tornado (F0)	
./ E CROSSIOWN	Storm spotters reported a brief tornado near Crosstown. No damage was reported.								
BOLLINGER County									
3 SW PATTON	15	2010CST			0	0		Hail (1.50)	
PERRY County									
COUNTYWIDE	15 16 More t	2230CST 0030CST thunderstorms with	h verv heavy	rain caused	0 some road a	0	20K	FLASH FLOOD	
CADE CIDADDEAU	WIOIC	munucistorms with	n very neavy	Tain causeu	some road v	ciosures di	ue to mooding.		
CAPE GIRARDEAU County									
.5 NW POCAHONTAS .5 NE POCAHONTAS		2243CST 2244CST	0.6	40	0	0	10K	Tornado (F0)	
	Storm	spotters reported	a tornado nea	r Pocahonta	s was only l	oriefly on	the ground.		
CAPE GIRARDEAU County									
CAPE GIRARDEAU	15 16	2315CST 0100CST			0	0	5K	FLASH FLOOD	
			y heavy rainfa	all flooded s	streets. Cape	Girardea	u Police reported seve	eral city roads were flooded.	
BUTLER County									
BROSELEY	16	0015CST			0	0	20K	THUNDERSTORM WIND	
	A trailer near the intersection of Highway 51 and Highway P was destroyed by high winds.								
SCOTT County			C	-	- •				
MORLEY	27	1403CST			0	0		Hail (0.75)	
BUTLER County									
OF IT THE		1 = 4 = CCT				•		TI 11 (0.55)	